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DATE: MARCH 20, 1992

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SUBJECT: GENERAL ^{DYE} CASTING REMOVAL ACTION, DETROIT, MI
POLREP NO.: ONE SITE ID: LQ D.O.: 7460-05-217
RESPONSE AUTHORITY: CERCLA NPL STATUS: NO
START DATE: 03/13/92
COMPLETION DATE:

1. SITUATION:

- A. General Die Casting is an abandoned plating facility located on the east side of Detroit, MI. Building contents include: tanks and vats of plating baths containing high levels of cyanide and chromic acid, various drums and lab containers of unknown contents.
- B. UAO issued to PRPs 07/30/91. PRPs have not pursued undertaking cleanup actions as prescribed in the Order.
- C. Site conditions reassessed on February 10, 1992, when project transferred to this OSC. Analytical results received 03/12 of liquid and solid samples collected from abandoned tanks and floor solids revealed acid liquids (pH<1.0) located next to floor solids containing over 600,000 ppm cyanide.
- D. PRPs notified 03/12 of potentially dangerous situation should tanks rupture or leak and mix with CN solids. Requested site stabilization commence immediately. PRPs could not take immediate actions with a qualified cleanup contractor.

2. ACTIONS TAKEN:

- A. OSC received verbal authority of 15K on 03/12 to begin stabilization activities. Authority increased to 50K on 03/16. Action memo under development.
- B. ERCS subcontractor OH Materials mobilized 03/13 and began ← A/S 3/13/92 stabilization measures.
- C. Support zone established 03/16, office trailer powered by temporary generator, phones established 03/19.

- D. Liquid samples collected from 10 waste treatment tanks 03/13. Samples sent and received by disposal facility (Dynecol) 03/13 for expedited acceptance. Facility within 1-mile of site.
- E. CN floor and vat solids from plating waste treatment areas were removed and containerized by 03/17.
- F. Removal of process piping to vats and tanks commence 03/17 and completed 03/20. All piping to be deconned and loaded into hazardous rolloff box.
- G. TAT chemist conducting hazcat and bulk testing analysis on all solid and liquids from floor sumps, lab chemicals, tanks, and drums found at the facility.
- H. Began pumping liquids from floor sumps into compatible tanks 03/20.
- I. Drum and small containers gathered and staged 03/19 for hazcat and compatibility analysis.
- J. Samples of three large transformers suspected of containing PCB oil sampled 03/18 and sent to local lab for verification.

3. PLANS:

- A. Disposal of tanked acid liquids 03/21. Facility acceptance of base/neutral tanked liquids expected 03/24, plans are to ship 03/25 for disposal.
- B. Hazcat and bulk test analysis to be conducted on all floor sump solids. All compatible liquids and solids are to be bulked to minimize waste streams.
- C. All containerized solids to be sampled and sent to lab for compatibility analysis to develop specific waste streams.
- D. Empty tanks and vats to be decontaminated and left on-site.
- E. Begin decontamination of floors and walls when all tanked liquids and floor sump solids are removed.
- F. Stabilization measures expected to be completed 03/27.

4. KEY ISSUES:

- A. PRP meeting held 03/19 in Regional Office. PRPs now interested in completing removal activities. Fund lead activities to be suspended upon removal of all liquids and debris/PPE at the completion of on-site stabilization. PRPs would be required to complete disposal of all containerized solid material and transformers, define the extent of soil contamination beneath and to the south of the facility, and remove or remediate those affected areas.

5. STATUS:

A. Case open.

B. ESTIMATED COSTS: to follow in next polrep.

	BUDGETED	TOTAL TO DATE	REMAINING
ERCS	\$ 250,000.00	\$	\$
TAT	33,600.00		
EPA DIRECT	5,550.00		
EPA INDIR	8,900.00		
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TOTALS	\$ 298,050.00	\$	\$